

Rec'd PCT/PTO 19 AUG 2005

THE LAW OFFICES OF  
**ANDREW D. FORTNEY, PH.D., P.C.**  
7257 N. MAPLE AVENUE, SUITE 107  
FRESNO, CALIFORNIA 93720

WWW.FORTNEYLAW.COM

TELEPHONE: (559) 299-0128  
FAX: (559) 299-0118  
EMAIL: INFO@FORTNEYLAW.COM

ANDREW D. FORTNEY, PH.D.

ALEC B. PLUMB\*

\*REGISTERED PATENT AGENT

ATTN: **Mail Stop PCT/ US Receiving Office**COMPANY: **US PATENT & TRADEMARK OFFICE / P.O. Box 1450, ALEXANDRIA VA 22313-1450**FAX: **1 (703) 305-3230**DATE: **08-19-2005** TIME: **12:30 PM**

WITH CONFIRMATION  
 WITHOUT CONFIRMATION

RE: **APPLICATION No. 10/540,333**  
FILED: **06-20-2005**

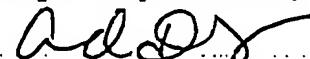
I hereby certify that this document and all documents listed below are being transmitted via facsimile to  
Commissioner for Patents, fax no. (703) 305-3230, on August 19, 2005.

By: Cindy L. Custer  
Cindy L. Custer

SUBMITTED HEREWITH FOR THE ABOVE-CAPTIONED APPLICATION:

- Transmittal Letter
- Credit Card Payment Form
- Declaration (2 Pgs.)

Respectfully submitted,



Andrew D. Fortney, Ph.D.; Reg. No. 34,600

PLEASE DIRECT ANY QUESTIONS REGARDING THE TRANSMISSION OF THIS FAX TO:  
(559) 299-0128 / FAX (559) 299-0118 / INFO@FORTNEYLAW.COM

THIS FAX CONTAINS 8 PAGE(S) INCLUDING THIS ONE.

This message is intended for its recipient(s) only, and may contain attorney-client privileged communications, attorney work product or other privileged communications. No waiver of any applicable legal privilege is intended by this transmission. If this transmission is received in error by other than the intended recipient(s), please notify the Law Offices of Andrew Fortney at the phone/fax number listed at the top of this page and then please return or destroy the transmitted document. Thank you for your cooperation and assistance.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		<b>ATTORNEY'S DOCKET NUMBER</b> <b>OPPD51628US</b>
INTERNATIONAL APPLICATION NO. <b>PCT/KR2003/02788</b>	INTERNATIONAL FILING DATE <b>12-19-2003</b>	U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/540,333</b>
		PRIORITY DATE CLAIMED <b>12-20-2002</b>
<b>TITLE OF INVENTION</b> <b>System and Method for Measuring Radiation Characteristic of Antenna</b>		
<b>APPLICANT(S) FOR DO/EO/US</b> <b>Jong-Myung WOO and Jong-Lae KIM</b>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input checked="" type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))</p> <p>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</p> <p>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</p> <p>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</p> <p>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))</p> <p>a. <input type="checkbox"/> is attached hereto.</p> <p>b. <input checked="" type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</p> <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))</p> <p>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</p> <p>b. <input type="checkbox"/> have been communicated by the International Bureau.</p> <p>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</p> <p>d. <input type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the Inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
Items 11 to 20 below concern document(s) or information included:		
<p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input type="checkbox"/> A preliminary amendment.</p> <p>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13(a), 2 and 37 CFR 1.821-1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the International application under 35 U.S.C. 154(d)(4).</p>		
<span style="float: right;">11/07/2005 THOLLAND 60000005 10540333 65.00 OP P1, EC-2617</span>		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)	INTERNATIONAL APPLICATION NO.	ATTORNEY'S DOCKET NUMBER
10/540,333	PCT/KR2003/02788	OPP051628US

## 20. Other items or information:

Basic National Fee, Examination Fee, Search Fee, and multiple dependent claim fee were paid at the time the first submission under 35 U.S.C. 371 was made on June 20, 2005.

The following fees have been submitted				CALCULATIONS	PTO USE ONLY
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a)).....				\$	
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c))				\$	
If the written opinion prepared by ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0 All other situations..... \$200				\$	
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the International application to the USPTO as an International Searching Authority..... \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB..... \$400 All other situations..... \$500				\$	
TOTAL OF 21, 22 and 23 =					
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
- 100 -	/50 -		x \$250	\$	
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).				\$ 130.00	
CLAIMS					
Total claims		- 20 -	x \$50	\$	
Independent claims		- 3 -	x \$200	\$	
MULTIPLE DEPENDENT CLAIM(S) (If applicable)				+ \$360	\$
TOTAL OF ABOVE CALCULATIONS =				\$ 130.00	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.					
SUBTOTAL =				\$ 65.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(l)).				\$	
TOTAL NATIONAL FEE =				\$	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$	
TOTAL FEES ENCLOSED =				\$ 65.00	
				Amount to be refunded:	\$
				Amount to be charged	\$

Under the Paperwork Reduction Act of 1985, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTO-1380 (Rev. 07-2005)  
Approved for use through 3/31/2007. OMB 0851-0021  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

- a.  A check in the amount of \$ \_\_\_\_\_ to cover the above fees is enclosed.
- b.  Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- c.  The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. \_\_\_\_\_. A duplicate copy of this sheet is enclosed.
- d.  Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

The Law Offices of  
Andrew D. Fortney, Ph.D., P.C.  
7257 N. Maple Ave., Suite 107  
Fresno, CA 93720  
Customer No. 36872



SIGNATURE

Andrew D. Fortney, Ph.D.

NAME

34,600

REGISTRATION NUMBER